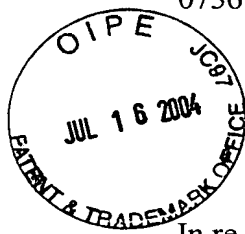


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PATENT APPLICATION  
10/052,104



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Shih-Tsung Yang et al.  
Serial No.: 10/052,104  
Filed: January 16, 2002  
Group No.: 2817  
Examiner: Michael B. Shingleton  
Title: METHODS AND APPARATUSES FOR TUNING  
VOLTAGE CONTROLLED OSCILLATORS

Mail Stop AF  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the attached Response to Advisory Action (10 pages), Baker Botts return postcard (1 postcard), and this Certificate of Mailing are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this 16th day of July 2004 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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MAIL STOP AF  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**RESPONSE TO ADVISORY ACTION**

In response to the advisory action mailed July 6, 2004, Applicants respectfully request the Examiner to reconsider the rejection of the claims in view of the following amendments and the comments as set forth below.